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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop PATENT APPLICATION
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

TRANSMITTAL FOR PATENT APPLICATION

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is a United States patent application entitled MASS FLOW HOPPER AND METHOD OF MANUFACTURE in the name of the following inventors: Thomas W. Hedrick and Jason P. South.

Enclosed are the following:

- A specification, claims, abstract, and cover page in total comprising thirty-one (31) pages.
- Nine (9) sheets of drawings.
- A joint signature Combined Declaration and Power of Attorney.
- An Assignment conveying the invention from Jason P. South to Phillip Barry South, including a Form PTO 1595 recordation cover sheet.
- An Assignment conveying an undivided interest in the invention from Thomas W. Hedrick to Phillip Barry South, including a Form PTO 1595 recordation cover sheet.
- A Declaration Claiming Small Entity Status pursuant to 37 C.F.R. § 1.9 and § 1.27.

____ The present application claims entitlement to Small Entity Status under 37 CFR §§ 1.9 and 1.27

____ Enclosed is a non-publication request requesting that the present application not be published.

X A Certificate of Mailing by "Express Mail" certifying a filing date by use of Express Mail Label No. EL 981 994 114 US.

X Priority to United States Provisional Patent Application Serial No. 60/410,528 filed on September 13, 2002 is claimed under 35 U.S.C. § 119.

____ A certified copy of foreign priority application Serial No. _____.

____ An Associate Power of Attorney.

The filing fee has been calculated as shown below.

			SMALL ENTITY		LARGE ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$375		\$750
TOT. CLAIMS	43 - 20=	23	X 9=	207	X 18=	
IND. CLAIMS	4 - 3=	1	X 42	42	X 84=	
MULTIPLE DEPENDENT CLAIM			+140=		+280=	
			TOTAL	624	TOTAL	

X Form PTO-2038 submitting Credit Card Payment in the amount of \$704.00 is enclosed to cover:

X The \$624 government filing fee.

X The \$80.00 recordation fee of the enclosed assignment.

____ Please debit Deposit Account No. 23-3178 in the amount of \$_____ for the government filing fee.

____ Please debit Deposit Account No. 23-3178 in the amount of \$40.00 for recordation of the enclosed Assignment.

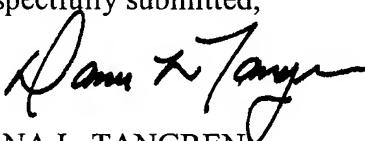
X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178.

- Any additional filing fees required under 37 C.F.R. § 1.16.
- Any patent application processing fees under 37 C.F.R. § 1.17.
- The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-3178.
 - Any filing fees under 37 C.F.R. § 1.16 for presentation of extra claims.
 - Any patent application processing fees under 37 C.F.R. § 1.17.
 - The issue fee set forth in 37 C.F.R. § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b).
- A duplicate copy of this letter is enclosed.

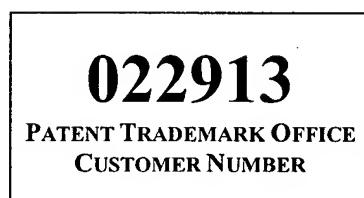
Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned.

Dated this 11th day of September 2003.

Respectfully submitted,



DANA L. TANGREN
Attorney for Applicant
Registration No. 37,246



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

"Express Mail" Mailing Label No.: EL 981 994 114 US

Date of Deposit: September 11, 2003

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

I hereby certify that the following documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated below in an envelope addressed to Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450:

- Patent Application in the names of Thomas W. Hedrick and Jason P. South for MASS FLOW HOPPER AND METHOD OF MANUFACTURE (31 pages)
- Drawings (9 sheets)
- Assignment with Form PTO-1595 cover sheet for Thomas W. Hedrick (3 pages)
- Assignment with Form PTO-1595 cover sheet for Jason P. South (3 pages)
- Combined Declaration and Power of Attorney (5 pages)
- Transmittal Letter (3 pages) (in duplicate)
- Form PTO-2038 submitting Credit Card Payment in the amount of \$704.00
- Certificate of Express Mailing
- Postcard

Dated this 11th day of September 2003.

Respectfully submitted,



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